

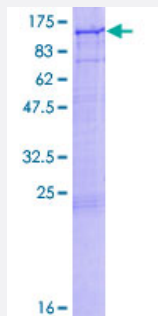
Full-Length

EIF2C1 (Human) Recombinant Protein (P01)

Catalog # H00026523-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EIF2C1 full-length ORF (NP_036331.1, 1 a.a. - 857 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEAGPSGAAAGAYLPPLQQVFQAPRRPGIGTVGKPIKLLANYFEVDIPKIDVYHYEVDIKPDKCPR
RVNREVVEYMQHFQKQIFGDRKPYVDGKKNIYVTALPIGNERVDFEVTIPGEGKDRIFKVSIKWL
AIVSWRMLHEALVSGQIPVPLESVQALDVAMRHLASMRYTPVGRSFFSPPEGYYHPLGGGREVW
FGFHQSVRPAMWKMMMLNIDVSATAFYKAQPVIEFMCEVLDIRNIDEQPKPLTDSQVRVFTKEIKGL
KVEVTHCGQMKRKYRVCNVTRRPASHQTFPLQLESGQTVECTVAQYFKQKYNLQLKYPHLPCLQ
VGQEQQHTYLPLEVCNIVAGQRCIKKLTDNQTSTMIKATARSAPDRQEEISRLMKNASYNLDPYIQE
FGIKVKDDMTEVTGRVLPAPILQYGGNRRAIATPNQGVWDMRGKQFYNGIEIKVWAACFAPQKQC
REEVLKNFTDQLRKISKDAGMPIQQGPCFCKYAQGADSVPEPMFRHLKNTYSGLQLIMILPGKTPVY
AEVKRVGDTLLGMATQCVQVKNVVKTSPTLSNLCLKINVKLGGINNILVPHQRSVAVFQQPVIFLG
ADVTHPPAGDGKKPSITAVVGSMDAHPSRYCATVRVQRPRQEIIEDLSYMVRELLIQFYKSTRFKP
TRIIFYRDGVPEGQLPQILHYELLAIRDACKLEKDYQPGITYVQKRHHTRLFCADKNERIGKSGNIP
AGTTVDNTHPFEDFDYLCSHAGIQGTSRPSHYVWLWDDNRTADELQILTYQLCHTYVRCTRVS
PAPAYARLVAFRARYHLVDKEHDSGEGSHISGQSNRDPQALAKAVQVHQDTLRTMYFA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

123.6

Interspecies Antigen Sequence

Mouse (100); Rat (99)

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EIF2C1

Entrez GeneID	26523
GeneBank Accession#	NM_012199.2
Protein Accession#	NP_036331.1
Gene Name	EIF2C1
Gene Alias	AGO1, DKFZp686M13167, EIF2C, GERP95, Q99
Gene Description	eukaryotic translation initiation factor 2C, 1
Omim ID	606228
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a cluster of closely related family members including argonaute 3, and argonaute 4. [provided by RefSeq]

Other Designations

Golgi Endoplasmic Reticulum protein 95 kDa|OTTHUMP00000008519|argonaute 1|putative RNA-binding protein Q99

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